M. A. R. 57 (Rule 116) **No. D** 62110

Measurement Book

Serial No. First & final bill

Name of work Improvements to ..... From cement concrete To roads at Vijayalakshmi

Name of Contractor of nature of Agency layout in bangalore in ward NO. 44.

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	NAME OF CONTRACTOR	:	M/S. Lakshmi enterprises				
	JOB CODE	:	OLU - 18.000023				
	WORK ORDER	:	EE/DOT/WO/19211/17-18				dt: 19-01-2018
	EST COST	:	Rs 50.00 lakhs				
	DATE of COMPLETION	:	08/02/2018				
Item No 1:	Earthworks excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m. excavated surface levelled & sides neatly dressed. The dressed earth to be levelled neatly after breaking of clods complete as per specification as per qty vide page no 62167/2						
					CUM	46.80	97.41 = 0
					@ Rs - 2	213.00	9798.00
						208.14	

Scanned by CamScanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item no 2:-	Providing & laying in posn plain cement concrete q mix 1:4:8 with OPC cement @ 180 kgs. with 40mm & down dia graded granite metal coarse aggregates @ 0.85 cum & fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms. thick. complete as per specification qty vide page no 62167/2				q m/s	7.02	3699.00
					@ Rs	5375.00	37733.00
						5269.41	
Item no 4:-	Supplying, fitting & placing TMT bar fe 500 reinforcement in sub structure complete as per drawing & technical specifications complete as per specifications. qty vide page no 62168				q m/s	1.29	8759.00
					@ Rs	69000.00	89010.00
						67904.86	
Item no 5:-	providing & removing centering, shuttering, shutting, propping and removal q form work for vertical surface such as walls at any thickness, including attached pilasters						

Scanned by CamScanner

M. A. R. 57 (Rule 116) No. D

Measurement Book

62111

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	buttress. plinth offset & string course cost q specifications complete as per specification. qty vide page no 62168				q mB	124.80	39590=00
					@ Rs	324.00	40435.00
						37.23	
Item no 7:	Earthworks excavation by manual means in ordinary soil including an average horizontal throw upto 2 mtrs & an average horizontal throw lift upto 0.5m. excavated earth to be levelled and sides neatly dressed. the dressed neatly after breaking complete as per specification. qty vide page no 62169/2				q mB	399.00	41022.00
					@ Rs	178.00	69657.00
						174.58	

Scanned by CamScanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item No 8:	Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour. Hom of machinary complete as per specifications.						
	qty vide page no 62170/2 of mm B					1140.00	6167=00
	@ Rs 5.50 SA+						6270.00
Item No 9:	providing, laying, spreading & compacting graded stone aggregated to wet mix macadam specifications including pre mixing the material with water at OMC in mechani-cal mix plant carriage of mixed material by tipper to site laying in uniform layers complete as per specification.						
	qty vide page no 62172 of mm B					171.00	
	@ Rs 1843.00 1805.92						315153.00 308812=00

Scanned by CamScanner

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

62112

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item No 10:	construction of dry lean cement concrete mix CC 1:5:10 with OPC cement @ 160 kgs. with 25 mm & down size graded granite metal coarse aggregates @ 0.58 cum & fine aggregates @ 0.86 cum & Sub-base over a prepared Sub-grade with aggregate cement ratio not to exceed as per Specification qty vide page no 62173/2 of MB @ Rs					171.00 4154.00 4071.97	96307.00 710334.00
Item No 3:	Design mix M20 with OPC cement @ 320 kgs. with 20mm & down size graded granite metal coarse aggregates @ 0.69 cum & fine graded granite metal coarse aggregates @ 0.69 cum & fine aggregates @ 0.46 cum. with superplasticizer @ 3% complete as per Specification.						

Scanned by CamScanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	RCC drain Vijayalakshmi Layout 2nd cross						
	bottom slab	1	30.00	1.20	0.15	5.40	
		1	9.00	1.20	0.15	1.62	
	side wall	2	30.00	0.15	0.80	7.20	
		2	9.00	0.15	0.80	2.16	
					total	16.38	
					@ Rs	7250.00	118755.00
						7114.37	116533.00
Item No 6.	Supplying & fixing precast reinforced concrete slab 10 cm thick & mix M20 using 20 mm & down size graded granite metal using reinforcement 10mm dia steel at 150 mm c/c both ways incl. transportation, hire charges of machinery & machine complete as per specification.						

Scanned by CamScanner

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

Serial No. .....

62113

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Vijayalakshmi layout 2nd cross	1	30.00	1.05		31.50	
		1	9.00	1.05		9.45	
					total	40.95	
					Qty Utd to	35.10	Folio :-
					@ Rs	2040.00	71604.00
						1998.88	
Item No 11	cement concrete pavement, construction of 9" cm reinforced plain cement concrete pavement, thickness as per design over a prepared sub base with opc cement or any other type as per clause 1051.2.2 with 25mm & down size graded granite metal coarse aggregate & fine aggregate with superplasticiser @ 3% confirming to IS 9103-1999						

Scanned by CamScanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher all as per approved mix design. laid in approved fixed side form work spreading the concrete with shovels, rakers, compacted using needle & vibrater & finished in a continous manner including provision of contraction, expansion, contraction & longitudinal joints complete as per specification.						
	2nd cross	1	30.00	$\frac{(5.50+5.60)}{2}$	0.15	24.98	
		1	15.00	$\frac{(5.60+5.70)}{2}$	0.15	12.71	
	3rd cross	1	30.00	$\frac{(5.50+5.80)}{2}$	0.15	25.43	
		1	9.00	$\frac{(5.80+5.60)}{2}$	0.15	7.70	
	cross roads	1	30.00	$\frac{(5.60+5.80)}{2}$	0.15	25.65	

E.E. (D.D.)

Scanned by CamScanner

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

Serial No. .....

62114

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	$\frac{(5.80+5.90)}{2}$	0.15	26.33	
		1	20.00	$\frac{(5.90+5.70)}{2}$	0.15	17.40	
		1	15.00	$\frac{(5.70+5.60)}{2}$	0.15	12.71	
		1	23.00	$\frac{(4.60+6.80)}{2}$	0.15	16.22	
		1	30.00	$\frac{(6.00+5.90)}{2}$	0.15	26.78	
		1	25.00	$\frac{(5.90+5.80)}{2}$	0.15	21.94	

E.E. (D.D.)

Scanned by CamScanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			10.00	$\frac{(5.80+5.30)}{2}$	0.15	8.33	
			12.00	$\frac{(5.40+5.60)}{4}$	0.15	9.90	
			8.00	$\frac{(5.00+5.40)}{2}$	0.15	6.24	
			30.00	$\frac{(6.00+5.90)}{2}$	0.15	26.78	
			30.00	$\frac{(5.90+6.20)}{2}$	0.15	27.23	
			30.00	$\frac{(6.50+6.60)}{2}$	0.15	20.48	
			15.00	$\frac{(6.60+5.40)}{2}$	0.15	10.80	
			24.00	$\frac{(5.00+5.20)}{2}$	0.15	13.01	

E.E. (D.D.)

Scanned by CamScanner

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

62115

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	(4.60+5.00)/2	0.15	21.60	
		1	20.00	(5.00+5.00)/2	0.15	15.00	
		1	15.00	(5.00+6.90)/2	0.15	11.14	
		1	30.00	(5.80+5.20)/2	0.15	24.75	
		1	20.00	(5.20+5.00)/2	0.15	15.30	
		1	30.00	(4.70+4.80)/2	0.15	21.38	
		1	28.00	(4.80+5.00)/2	0.15	20.58	
						total 470.31	

E.E. (D.D.)

Scanned by CamScanner